AMENDMENTS

In the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Cancelled)

2. (Currently Amended) The method of claim ~~1~~ 8 wherein the signal is provided by the collision avoidance system.

3. (Cancelled)

4. (Currently Amended) The method of claim [[3]] 8 wherein the announcement is not a traffic advisory.

5. (Currently Amended) The method of claim [[3]] 8 wherein the announcement does not comprise "traffic traffic."

6. (Currently Amended) The method of claim [[3]] 8 wherein the announcement comprises at least one of "monitor member," "traffic monitor traffic," "monitor traffic," "member traffic," "encroachment" and "monitor encroachment."

7. (Currently Amended) The method of claim ~~1~~ 8 wherein the aircraft and the one or more other ~~formation member~~ aircraft are military aircraft.

8. (Currently Amended) A method of employing a collision avoidance system for an aircraft that is a member of a formation to distinguish between members and nonmembers of the formation, the method comprising:

providing a signal used to indicate that one or more other aircraft has attained at least one of a predefined spatial condition and a predefined temporal condition; and

generating an announcement in response to the signal;

~~The method of claim 3~~ wherein the announcement distinguishes between civilian aircraft and military aircraft.

9. (Original) The method of claim 4 wherein the at least one of the predefined spatial condition and the predefined temporal condition is different from another predefined condition that results in issuance of the traffic advisory.

10. (Currently Amended) The method of claim 4 wherein the at least one of the predefined spatial condition and the predefined temporal condition ~~is the same as~~ matches another predefined condition that results in issuance of the traffic advisory.

11-13. (Cancelled)

14. (Currently Amended) The method of claim ~~13~~ 17 wherein the signal is provided by the collision avoidance system.

15. (Cancelled)

16. (Currently Amended) The method of claim ~~13~~ 17 wherein the predefined condition is at least one of a predefined spatial condition and a predefined temporal condition.

17. (Currently Amended) A method of employing a collision avoidance system for an aircraft that is engaged in a refueling operation, the method comprising:

providing a signal used to indicate attainment of a predefined condition for the refueling operation; and

generating an announcement in response to the signal;

~~The method of claim 15~~ wherein the announcement pertains to at least one of vertical and horizontal distance between aircraft engaged in the refueling operation.

18. (Original) A method of employing a collision avoidance system for an aircraft to enhance awareness of operation of the collision avoidance system, the method comprising providing a signal used to aurally indicate a change in a mode of operation of the collision avoidance system.

19. (Original) The method of claim 18 wherein the signal is provided by the collision avoidance system.

20. (Original) The method of claim 18 further comprising generating an announcement in response to the signal.

21. (Original) The method of claim 18 wherein the change in the mode of operation is automatic once a predefined condition is attained.

22. (Original) The method of claim 18 wherein the change in the mode of operation is manually initiated.

23. (Original) The method of claim 18 wherein the change in the mode of operation comprises a change in surveillance volume for the collision avoidance system.

24. (Original) The method of claim 20 wherein the announcement comprises at least one of "collision avoidance off," "traffic advisory only," "TA ONLY," "traffic advisory resolution advisory," "TA/RA," "formation," "refuel," "limited surveillance," "reduced surveillance," "air traffic control off" and "ATC off."

25. (Original) A method of employing a collision avoidance system for an aircraft to enhance awareness of operation of the collision avoidance system, the method comprising:

providing a signal used to indicate a change in a mode of operation of the collision avoidance system; and

modifying a displayed view of an own aircraft symbol in response to the signal.

26. (Original) The method of claim 25 wherein the modifying comprises at least one of modifying color of the own aircraft symbol, modifying size of the own aircraft symbol, modifying shape of the own aircraft symbol, periodically interrupting display of the own aircraft symbol, and adding at least one further displayed object in proximity to the own aircraft symbol.

27. (Original) The method of claim 26 wherein the further displayed object bounds an area in proximity to the own aircraft symbol.

28. (Original) The method of claim 27 wherein displayed view of at least one other aircraft is inhibited in the area.

29-40. (Cancelled)

41. (New) A method of employing a collision avoidance system for an aircraft that is a member of a formation to distinguish between members and nonmembers of the formation, the method comprising:

providing a signal used to indicate that one or more other aircraft has attained at least one of a predefined spatial condition and a predefined temporal condition; and

generating an announcement in response to the signal;

wherein the announcement comprises at least one of "monitor member," "traffic monitor traffic," "monitor traffic," "member traffic," "encroachment" and "monitor encroachment."